

EXPRESS MAIL MAILING LABEL: EQ 030271069 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Francis Phillip Chatfield

Group Art Unit: n/a

Serial No.: n/a

Examiner: n/a

Filed: Contemporaneous Herewith

International Application No.: PCT/GB2004/004725

International Application Filing Date: November 9, 2004

Entitled: Vacuum Pump

Atty. Dkt.: M03B167

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

The Examiner's attention is directed to the documents identified on the attached Forms PTO/SB/08A and PTO/SB/08B "Information Disclosure Statement By Applicant." A copy of each non-US patent document is enclosed.

Please consider all the listed documents and list them on the cover sheet of any patents to issue from the subject application.

The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the application or within three months of the date of entry of the National Phase of an international application or before the mailing of a first Office Action on the merits.

In accordance with 37 CFR 1.97(b), no additional fee is due. As a precaution, the Commissioner is hereby authorized to charge to Deposit Account No. 02-2865 any fee required by this submission.

Very truly yours,

Date: May 4, 2006
The BOC Group, Inc.
Legal Services - Intellectual Property
575 Mountain Avenue
Murray Hill, NJ 07974
(908) 771-6469


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Attorney for Applicant(s)
Reg. No. 31,147

Attachments
Forms PTO/SB/08A & PTO/SB/08B
Cited References

ILZ:bjl

EXPRESS MAIL MAILING LABEL: E0 030271069 US

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	
Filing Date	
First Named Inventor	FRANCIS PHILLIP CHATFIELD
Art Unit	
Examiner Name	
Attorney Docket Number	M03B167

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENT						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Transl.
		Country Code* Number * Kind Code* (if known)	MM-DD-YYYY			
/P.S./	2	DE 102 07 929 A1	09-04-2003	Leybold Vakuum GmbH		
/P.S./	3	EP 0 874 158 A1	10-28-1998	The BOC Group plc		
/P.S./	4	JP 5-296171	11-09-1993	Ulvac Japan Ltd		
/P.S./	5	JP 62-186073	08-14-1987	Ulvac Corp		

Examiner Signature	/Philip Stimpert/	Date Considered	03/12/2010
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²EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ³Applicant's unique citation designation number (optional). ⁴See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁵Enter Office that issued the document, by the two-letter code (WIPO). ⁶Kind of Document. ⁷For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the letter patent document. ⁸Kind of Document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁹Applicant is to place a check mark here if English language transcription is attached.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

2

of

2

Application Number

Filing Date

First Named Inventor

FRANCIS PHILLIP CHATFIELD

Art Unit

Examiner Name

Attorney Docket Number

M03B167

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/P.S./	6	KAZAMAKI TADAO; Patent Abstracts of Japan; abstract of JP 05296171; entitled Shaft Seal Mechanism for Positive Displacement Vacuum Pump without Using Sealing Fluid; publication date November 9, 1993; Ulvac Japan Ltd.	
/P.S./	7	KAZAMAKI TADAO, KOZUKA ICHIRO, NEZUKA YUKIO; Patent Abstracts of Japan; abstract of JP 62186073 A; entitled Sealing Device for Rotary Vacuum Pump; publication date August 14, 1987; Ulvac Corp.	
/P.S./	8	United Kingdom Search Report of Application No. GB 0326613.7; Date of search: March 29, 2004	
/P.S./	9	PCT International Search Report of International Application No. PCT/GB2004/004725; Date of mailing of the International Search Report: February 10, 2005	
/P.S./	10	PCT Written Opinion of the International Searching Authority of International Application No. PCT/GB2004/004725; Date of mailing: February 10, 2005	

Examiner Signature	/Philip Stimpert/	Date Considered	03/12/2010
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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